

SWITCHING POWER SUPPLY DEVICE

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Abstract of JP8098514

PURPOSE: To obtain a switching power supply device of a transistor rectification system where the high-voltage state of an output voltage for a long time is prevented when starting the switching power supply device where the input voltage is higher than the set output voltage. **CONSTITUTION:** The base of a transistor Q2 as a rectifier element is connected to the collector of a transistor Q3 for drive via a base current-limiting resistor R3. A feedback circuit 4 using a resistor R5 and a capacitor C5 is provided between the collector and the base of the transistor Q3 for drive. A diode D3 is connected between the connection point between the resistor R5 and the capacitor C5 of the feedback circuit 4 and the ground, thus rapidly actuate the transistor Q3 for drive and the transistor Q3 in and preventing the output voltage from becoming a high-voltage state for a long time.



